

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A method for scaling a first bitmap from a first size to a second size by a computing device, the method comprising:

accessing a first bitmap by the computing device;

iterating through the first bitmap and performing the following until no more size

reductions are needed to scale the first bitmap to the second size:

identifying a group of pixels from the first bitmap;

assigning a numerical value to each pixel in the group of pixels, wherein higher numerical values are assigned to more unique pixels and lower numerical values are assigned to less unique pixels;

identifying a unique pixel or unique pixels in the group of pixels, wherein the unique pixel or pixels comprises the pixel or pixels with the highest assigned numerical values ~~most unique pixel or pixels, and wherein the most unique pixel or pixels includes a least common pixel when compared to the group of pixels;~~ and

copying one or more pixels including the unique pixel or the unique pixels from the group of pixels to a second bitmap, wherein the one or more pixels copied from the group of pixels to the second bitmap are not altered or transformed such that a new pixel value is not created, and wherein one or more pixels are not copied to the second bitmap and are not the unique pixel or pixels.

2. (Original) The method of claim 1, further comprising comparing each pixel in the group of pixels to a comparison set in order to identify the unique pixel or pixels.

3. (Canceled)
4. (Original) The method of claim 2, wherein the comparison set is not in the group of pixels.
5. (Original) The method of claim 2, wherein the group of pixels comprises the comparison set.
6. (Original) The method of claim 1, wherein the first bitmap and the second bitmap are different bitmaps, and wherein the second bitmap comprises copies of pixels from the first bitmap that have not been altered or transformed.
7. (Original) The method of claim 2, wherein the comparison set is adjacent to the group of pixels.
8. (Original) The method of claim 7, wherein the comparison set comprises one pixel.
9. (Original) The method of claim 7, wherein the first bitmap and the second bitmap are using the same bitmap for in-place scaling.

10. (Currently Amended) A computing device configured for scaling a first bitmap from a first size to a second size, the computing device comprising:

a processor;

memory in electronic communication with the processor; and

executable instructions executable by the processor, wherein the executable instructions are executable for:

accessing a first bitmap stored in the memory;

iterating through the first bitmap and performing the following until no more size reductions are needed to scale the first bitmap to the second size:

identifying a group of pixels from the first bitmap;

assigning a numerical value to each pixel in the group of pixels, wherein

higher numerical values are assigned to more unique pixels and

lower numerical values are assigned to less unique pixels;

identifying a unique pixel or unique pixels in the group of pixels, wherein the unique pixel or pixels comprises the pixel or pixels with the highest assigned numerical values ~~most unique pixel or pixels, and wherein the most unique pixel or pixels includes a least common pixel when compared to the group of pixels;~~ and

copying one or more pixels including the unique pixel or the unique pixels from the group of pixels to a second bitmap, wherein the one or more pixels copied from the group of pixels to the second bitmap are not altered or transformed such that a new pixel value is not created, and wherein one or more pixels are not copied to the second bitmap and are not the unique pixel or pixels.

11. (Previously Presented) The computing device of claim 10, wherein the executable instructions are further executable for comparing each pixel in the group of pixels to a comparison set in order to identify the unique pixel or pixels.

12. (Original) The computing device of claim 11, wherein the first bitmap and the second bitmap are different bitmaps, and wherein the second bitmap comprises copies of pixels from the first bitmap that have not been altered or transformed.

13. (Previously Presented) The computing device of claim 12, wherein the executable instructions are further executable for saving the second bitmap.

14. (Currently Amended) A computer-readable medium for storing program data, wherein the program data comprises executable instructions for:

accessing a first bitmap;

iterating through the first bitmap and performing the following until no more size

reductions are needed to scale the first bitmap to the second size:

identifying a group of pixels from the first bitmap;

assigning a numerical value to each pixel in the group of pixels, wherein higher numerical values are assigned to more unique pixels and lower numerical values are assigned to less unique pixels;

identifying a unique pixel or unique pixels in the group of pixels, wherein the unique pixel or pixels comprises the pixel or pixels with the highest assigned numerical values ~~most unique pixel or pixels, wherein the most unique pixel of pixels includes a least common pixel when compared to the group of pixels;~~ and

copying one or more pixels including the unique pixel or the unique pixels from the group of pixels to a second bitmap, wherein the one or more pixels

copied from the group of pixels to the second bitmap are not altered or transformed such that a new pixel value is not created, and wherein one or more pixels are not copied to the second bitmap and are not the unique pixel or pixels.

15. (Previously Presented) The computer-readable medium of claim 14, wherein the executable instructions are further executable for comparing each pixel in the group of pixels to a comparison set in order to identify the unique pixel or pixels.

16. (Canceled)

17. (Previously Presented) The computer-readable medium of claim 15, wherein the comparison set is not in the group of pixels.

18. (Previously Presented) The computer-readable medium of claim 15, wherein the group of pixels comprises the comparison set.

19. (Original) The computer-readable medium of claim 15, wherein the first bitmap and the second bitmap are different bitmaps, and wherein the second bitmap comprises copies of pixels from the first bitmap that have not been altered or transformed.

20. (Original) The computer-readable medium of claim 19, wherein the comparison set is adjacent to the group of pixels.

21. (Original) The computer-readable medium of claim 20, wherein the comparison set comprises one pixel.

22. (Original) The computer-readable medium of claim 20, wherein the comparison set comprises a plurality of pixels.
23. (Original) The computer-readable medium of claim 15, wherein the first bitmap and the second bitmap are different bitmaps.
24. (Original) The computer-readable medium of claim 15, wherein the first bitmap and the second bitmap are the same bitmap for in-place scaling.
25. (Canceled)
26. (Currently Amended) The computer-readable medium of claim 14, wherein the first bitmap is a grayscale bitmap and the numerical value assigned to each ~~a uniqueness of a~~ pixel is proportional to a difference of a pixel value for the pixel and an average pixel value of a group of surrounding pixels.
27. (Currently Amended) The computer-readable medium of claim 14, wherein the first bitmap is a color bitmap and the numerical value assigned to each ~~a uniqueness of a~~ pixel is based on a comparison between a luminance of the pixel with an average luminance of a group of surrounding pixels.
28. (Currently Amended) The computer-readable medium of claim 14, wherein the first bitmap is a color bitmap and the numerical value assigned to each ~~a uniqueness of a~~ pixel is based on a comparison between a sum of color components of the pixel and at least one sum of color components of at least one surrounding pixel.